

1st and Final bill

me of work: Improvements to roads and drains at SC/ST Area in ward no -04

rk Order No: BBMP / EE/ YNK.D / W.O / 117 /2019-20 dt: 31-10-2019.

B NUMBER: 004-20-000018

imate Cost: 99.00 lakhs.

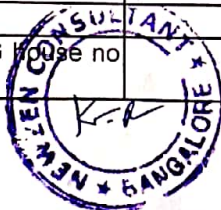
No: EE/ YNK.D/ AS / /2019-20 dt :

No : CE / YNK.Z/ TS / /2019-20 dt :

ne of Contractor : KRIDL.

PRE - MEASUREMENTS

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials separately complete as per specifications. MORTH Specification No. 202 (Page No-140 Item no - 18.47 of KPWD SR 2018-19)								
house no 1045 to 1064 B sector 5 meter wide road		1	15.00	2.90	0.20	8.70		
		1	30.00	2.80	0.15	12.60		
		1	20.00	2.80	0.15	8.40		
		1	22.00	3.00	0.20	13.20		
		1	20.00	2.50	0.20	10.00		
		1	15.00	2.50	0.15	5.63		
		1	10.00	2.80	0.20	5.60		
house no 1001 to 1020 B sector 5 meter wide road		1	15.00	2.90	0.20	8.70		
		1	30.00	2.80	0.20	16.80		
		1	20.00	2.60	0.15	7.80		
		1	22.00	2.50	0.20	11.00		
		1	20.00	2.80	0.20	11.20		
		1	10.00	2.50	0.15	3.75		
		1	10.00	1.90	0.20	3.80		
8th B main road LIG house no 2142 Raghvendra nilaya		1	15.00	3.80	0.20	11.40		
		1	18.00	4.00	0.20	14.40		
		1	20.00	3.90	0.15	11.70		
		1	22.00	3.50	0.20	15.40		
		1	20.00	3.00	0.20	12.00		
11th B main road MIG house no 2129 to 2140		1	15.00	3.80	0.20	11.40		



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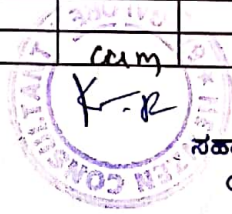
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Description of item	Unit	No	L	B	D	Qty	Rate	Amount
		1	18.00	3.90	0.15	10.53		
		1	20.00	3.80	0.20	15.20		
		1	22.00	3.80	0.20	16.72		
		1	20.00	2.90	0.20	11.60		
EWS 1895		1	13.40	3.50	0.20	9.38		
		1	5.00	2.80	0.20	2.80		
house no 1946 to 1955		1	30.00	2.50	0.20	15.00		
		1	30.00	2.80	0.20	16.80		
road approach		2	4.00	1.90	0.30	4.56		
		4	5.00	2.10	0.30	12.60		
		2	3.00	2.50	0.30	4.50		
		1	30.00	2.90	0.20	17.40		
		1	12.00	2.80	0.20	6.72		
		1	15.00	2.60	0.15	5.85		
	Cum					353.14		
KSRRB 300-3. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil involving excavated surface leveled & sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. (Page No. 142/ Item No. 19.1/ PWD SR 2018-19) for CC road house no 1045 to 1064 B sector 5 meter wide road house no 1001 to 1020 B sector 5 meter wide road 8th B main road LIG house no 2142 Raghvendra nilaya								
		1	15.00	(3.7+3.15)/2	0.25	12.84		
		1	15.00	(3.15+3.65)/2	0.25	12.75		
		1	15.00	(3.65+3.65)/2	0.25	13.69		
		1	15.00	(3.65+3.55)/2	0.25	13.50		
		1	15.00	(3.55+3.65)/2	0.25	13.50		
		1	15.00	(3.65+4.20)/2	0.25	14.72		
		1	15.00	(4.2+4.2)/2	0.25	15.75		
		1	15.00	(4.0+4.5)/2	0.25	15.94		
		1	15.00	(4.5+4.75)/2	0.25	17.34		
		1	13.20	(4.75+4.25)/2	0.25	14.85		
		1	15.00	(3.95+3.60)/2	0.25	14.16		
		1	15.00	(3.6+3.7)/2	0.25	13.69		
		1	15.00	(3.7+3.7)/2	0.25	13.88		
		1	15.00	(3.7+3.5)/2	0.25	13.50		
		1	15.00	(3.5+3.5)/2	0.25	13.13		
		1	15.00	(3.5+3.3)/2	0.25	12.75		
		1	15.00	(3.3+3.5)/2	0.25	12.75		
		1	15.00	(3.5+3.6)/2	0.25	13.31		
		1	15.00	(3.6+3.7)/2	0.25	13.69		
		1	8.80	(3.7+3.5)/2	0.25	7.92		
		1	7.00	(5.35+5.85)/2	0.25	16.80		
		1	15.00	(4.15+4.8)/2	0.25	16.78		
		1	15.00	(4.8+4.5)/2	0.25	17.44		
		1	15.00	(4.5+4.8)/2	0.25	17.44		



Ramaneesh
14/11/2019

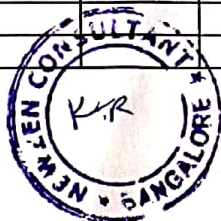
il	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	15.00	(4.8+4.8)/2	0.25	18.00		
			1	15.00	(4.8+4.9)/2	0.25	18.19		
			1	15.00	(4.9+5.0)/2	0.25	18.56		
			1	14.30	(5.0+4.9)/2	0.25	17.70		
	11th B main road MIG house no 2129 to 2140								
			1	15.00	(5.25+4.9)/2	0.25	19.03		
			1	15.00	(4.9+5.0)/2	0.25	18.56		
			1	15.00	(5.0+5.2)/2	0.25	19.13		
			1	15.00	(5.20+5.20)/2	0.25	19.50		
			1	15.00	(5.2+5.1)/2	0.25	19.31		
			1	15.00	(5.1+5.1)/2	0.25	19.13		
			1	15.00	(5.1+5.4)/2	0.25	19.69		
			1	10.40	(5.4+5.5)/2	0.25	14.17		
	For RCC drain								
	House no 1001 to 1020 B sector 5 meter wide road LHS		1	30.00	1.10	1.00	33.00		
			1	30.00	1.10	1.00	33.00		
			1	30.00	1.10	1.00	33.00		
			1	30.00	1.10	1.00	33.00		
			1	25.00	1.10	1.00	27.50		
	House no 1001 to 1020 B sector 5 meter wide road RHS		1	30.00	1.10	1.00	33.00		
			1	30.00	1.10	1.00	33.00		
			1	30.00	1.10	1.00	33.00		
			1	30.00	1.10	1.00	33.00		
			1	25.00	1.10	1.00	27.50		
	11th B main road B sector MIG house no 2129 to 2140 LHS		1	30.00	1.20	1.00	36.00		
			1	30.00	1.20	1.00	36.00		
			1	30.00	1.20	1.00	36.00		
			1	26.00	1.20	1.00	31.20		
	11th B main road B sector MIG house no 2129 to 2140 RHS		1	30.00	1.20	1.00	36.00		
			1	30.00	1.20	1.00	36.00		
			1	30.00	1.20	1.00	36.00		
			1	26.00	1.20	1.00	31.20		
	for culvert at 5 meter wide road		1	5.30	1.50	1.20	9.54		
	for berm cutting		1	23.00	2.00	0.45	20.70		
							1183.70		



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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಹಿ.ಹಿ.ಎಂ.ಎ. ಬೆಂಗಳೂರು-106

Ramangereah
14/11/29

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (Page No.155.tem No.20.18,PW,P & IWTD SR 2018-19)								
For CC road								
house no 1045 to 1064 B sector 5 meter wide road		1	15.00	(3.7+3.15)/2	0.15	7.71		
		1	15.00	(3.15+3.65)/2	0.15	7.65		
		1	15.00	(3.65+3.65)/2	0.15	8.21		
		1	15.00	(3.65+3.55)/2	0.15	8.10		
		1	15.00	(3.55+3.65)/2	0.15	8.10		
		1	15.00	(3.65+4.20)/2	0.15	8.83		
		1	15.00	(4.2+4.2)/2	0.15	9.45		
		1	15.00	(4.0+4.5)/2	0.15	9.56		
		1	15.00	(4.5+4.75)/2	0.15	10.41		
		1	13.20	(4.75+4.25)/2	0.15	8.91		
house no 1001 to 1020 B sector 5 meter wide road		1	15.00	(3.95+3.60)/2	0.15	8.49		
		1	15.00	(3.6+3.7)/2	0.15	8.21		
		1	15.00	(3.7+3.7)/2	0.15	8.33		
		1	15.00	(3.7+3.5)/2	0.15	8.10		
		1	15.00	(3.5+3.5)/2	0.15	7.88		
		1	15.00	(3.5+3.3)/2	0.15	7.65		
		1	15.00	(3.3+3.5)/2	0.15	7.65		
		1	15.00	(3.5+3.6)/2	0.15	7.99		
		1	15.00	(3.6+3.7)/2	0.15	8.21		
		1	8.80	(3.7+3.5)/2	0.15	4.75		
8th B main road LIG house no 2142 Raghvendra nilaya								
		1	7.00	(5.35+5.85)/2	0.15	5.88		
		1	15.00	(4.15+4.8)/2	0.15	10.07		
		1	15.00	(4.8+4.5)/2	0.15	10.46		
		1	15.00	(4.5+4.8)/2	0.15	10.46		
		1	15.00	(4.8+4.8)/2	0.15	10.80		
		1	15.00	(4.8+4.9)/2	0.15	10.91		
		1	15.00	(4.9+5.0)/2	0.15	11.14		
		1	14.30	(5.0+4.9)/2	0.15	10.62		

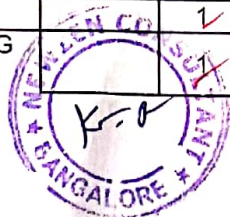


Ramanyaral
19/11/2019

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
11th B main road MIG house no 2129 to 2140								
		1	15.00	(5.25+4.9)/2	0.15	11.42		
		1	15.00	(4.9+5.0)/2	0.15	11.14		
		1	15.00	(5.0+5.2)/2	0.15	11.48		
		1	15.00	(5.20+5.20)/2	0.20	15.60		
		1	15.00	(5.2+5.1)/2	0.15	11.59		
		1	15.00	(5.1+5.1)/2	0.15	11.48		
		1	15.00	(5.1+5.4)/2	0.15	11.81		
		1	10.40	(5.4+5.5)/2	0.15	8.50		
house no 1895 EWS								
		1	13.40	(4.0+3.5)/2	0.15	7.54		
		1	4.90	(2.9+3.1)/2	0.15	2.21		
drain edge 5 meter wide road LHS		1	15.00	0.45	0.15	1.01		
		1	15.00	0.45	0.15	1.01		
		1	15.00	0.45	0.15	1.01		
		1	15.00	0.45	0.15	1.01		
		1	15.00	0.45	0.15	1.01		
drain edge 5 meter wide road RHS		1	15.00	0.45	0.15	1.01		
		1	15.00	0.45	0.15	1.01		
		1	15.00	0.45	0.15	1.01		
		1	15.00	0.45	0.15	1.01		
						357.40		
KSRRB 300-Compaction KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occurring during rolling including cost of all labour, HOM of machinery complete as per specifications.(P.No. 147, I.No. 19.64 PWD SR 2018-19)								
for CC road								
house no 1045 to 1064 B sector 5 meter wide road		1	15.00	(3.7+3.15)/2		51.38		
		1	15.00	(3.15+3.65)/2		51.00		
		1	15.00	(3.65+3.65)/2		54.75		
		1	15.00	(3.65+3.55)/2		54.00		
		1	15.00	(3.55+3.65)/2		54.00		
		1	15.00	(3.65+4.20)/2		58.88		
		1	15.00	(4.2+4.2)/2		63.00		
		1	15.00	(4.0+4.5)/2		63.75		
		1	15.00	(4.5+4.75)/2		69.38		
		1	13.20	(4.75+4.25)/2		59.40		
house no 1001 to 1020 B sector 5 meter wide road		1	15.00	(3.95+3.60)/2		56.63		
		1	15.00	(3.6+3.7)/2		55.00		
		1	15.00	(3.7+3.7)/2		54.00		
		1	15.00	(3.7+3.5)/2		54.00		
		1	15.00	(3.5+3.5)/2		52.50		
		1	15.00	(3.5+3.3)/2		51.00		

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
		1	15.00	(3.3+3.5)/2		51.00		
		1	15.00	(3.5+3.6)/2		53.25		
		1	15.00	(3.6+3.7)/2		54.75		
		1	8.80	(3.7+3.5)/2		31.68		
8th B main road LIG house no 2142 Raghvendra nilaya								
		1	7.00	(5.35+5.85)/2		39.20		
		1	15.00	(4.15+4.8)/2		67.13		
		1	15.00	(4.8+4.5)/2		69.75		
		1	15.00	(4.5+4.8)/2		69.75		
		1	15.00	(4.8+4.8)/2		72.00		
		1	15.00	(4.8+4.9)/2		72.75		
		1	15.00	(4.9+5.0)/2		74.25		
		1	14.30	(5.0+4.9)/2		70.79		
11th B main road MIG house no 2129 to 2140								
		1	15.00	(5.25+4.9)/2		76.13		
		1	15.00	(4.9+5.0)/2		74.25		
		1	15.00	(5.0+5.2)/2		76.50		
		1	15.00	(5.20+5.20)/2		78.00		
		1	15.00	(5.2+5.1)/2		77.25		
		1	15.00	(5.1+5.1)/2		76.50		
		1	15.00	(5.1+5.4)/2		78.75		
		1	10.00	(5.4+5.5)/2		54.50		
house no 1895 EWS								
		1	13.40	(4.0+3.5)/2		50.25		
		1	4.90	(2.9+3.1)/2		14.70		
						2287.02		
KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222,I No-27.18 PWD SR 2018-19)								
for CC road								
house no 1045 to 1064 B sector 5 meter wide road								
		1	15.00	(3.7+3.15)/2	0.15	7.71		
		1	15.00	(3.15+3.65)/2	0.15	7.65		
		1	15.00	(3.65+3.65)/2	0.15	8.21		
		1	15.00	(3.65+3.55)/2	0.15	8.10		
		1	15.00	(3.55+3.65)/2	0.15	8.10		
		1	15.00	(3.65+4.20)/2	0.15	8.83		
		1	15.00	(4.2+4.2)/2	0.15	9.45		
		1	15.00	(4.0+4.5)/2	0.15	9.56		
		1	15.00	(4.5+4.75)/2	0.15	10.41		
		1	13.20	(4.75+4.25)/2	0.15	8.91		

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
house no 1001 to 1020 B sector 5 meter wide road		1	15.00	(3.95+3.60)/2	0.15	8.49		
		1	15.00	(3.6+3.7)/2	0.15	8.21		
		1	15.00	(3.7+3.7)/2	0.15	8.33		
		1	15.00	(3.7+3.5)/2	0.15	8.10		
		1	15.00	(3.5+3.5)/2	0.15	7.88		
		1	15.00	(3.5+3.3)/2	0.15	7.65		
		1	15.00	(3.3+3.5)/2	0.15	7.65		
		1	15.00	(3.5+3.6)/2	0.15	7.99		
		1	15.00	(3.6+3.7)/2	0.15	8.21		
		1	8.80	(3.7+3.5)/2	0.15	4.75		
8th B main road LIG house no 2142 Raghvendra nilaya		1	7.00	(5.35+5.85)/2	0.15	5.88		
		1	15.00	(4.15+4.8)/2	0.15	10.07		
		1	15.00	(4.8+4.5)/2	0.15	10.46		
		1	15.00	(4.5+4.8)/2	0.15	10.46		
		1	15.00	(4.8+4.8)/2	0.15	10.80		
		1	15.00	(4.8+4.9)/2	0.15	10.91		
		1	15.00	(4.9+5.0)/2	0.15	11.14		
		1	14.30	(5.0+4.9)/2	0.15	10.62		
11th B main road MIG house no 2129 to 2140		1	15.00	(5.25+4.9)/2	0.15	11.42		
		1	15.00	(4.9+5.0)/2	0.15	11.14		
		1	15.00	(5.0+5.2)/2	0.15	11.48		
		1	15.00	(5.20+5.20)/2	0.15	11.70		
		1	15.00	(5.2+5.1)/2	0.15	11.59		
		1	15.00	(5.1+5.1)/2	0.15	11.48		
		1	15.00	(5.1+5.4)/2	0.15	11.81		
		1	10.40	(5.4+5.5)/2	0.10	5.67		
house no 1895 EWS		1	13.40	(4.0+3.5)/2	0.15	7.54		
		1	4.90	(2.9+3.1)/2	0.15	2.21		
For RCC drain								
House no 1001 to 1020 B sector 5 meter wide road LHS		1	30.00	1.10	0.15	4.95		
		1	30.00	1.10	0.15	4.95		
		1	30.00	1.10	0.15	4.95		
		1	30.00	1.10	0.15	4.95		
		1	25.00	1.10	0.15	4.13		
House no 1001 to 1020 B sector 5 meter wide road RHS		1	30.00	1.10	0.15	4.95		
		1	30.00	1.10	0.15	4.95		
		1	30.00	1.10	0.15	4.95		
		1	30.00	1.10	0.15	4.95		
		1	25.00	1.10	0.15	4.13		
11th B main road B sector MIG house no 2129 to 2140 LHS		1	30.00	1.10	0.15	4.95		
		1	30.00	1.10	0.15	4.95		
		1	30.00	1.10	0.15	4.95		
		1	26.00	1.10	0.15	4.29		
11th B main road B sector MIG house no 2129 to 2140 RHS		1	30.00	1.10	0.15	4.95		



Ramajeevan
29/11/2019

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
		✓	30.00	1.10	0.15	4.95		
		✓	30.00	1.10	0.15	4.95		
		✓	26.00	1.20	0.15	4.68		
for culvert at 5 meter wide road		✓	5.30	1.50	0.15	1.19		
						428.26		
KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 (I No-28.8.2, P No-229 PWD SR 2018-19) ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ. ಬಿ.ಬಿ.ಎಂ.ಕೆ. ಬೆಂಗಳೂರು-106 Rampreeth 29/11/19								
House no 1001 to 1020 B sector 5 meter wide road LHS								
10mm dia U shap bar at 100mm c/c								
Length = 144.95 Mtr = 144.95 /0.125 +1 = 1450+1 Nos								
Each u shape bar length = 2.00 mtr	10 mm dia	1160	2.00				2320.00	
8 mm dia Distrubution bar at 125 mm c/c	8mm dia	14	144.95				2029.30	
House no 1001 to 1020 B sector 5 meter wide road RHS								
10mm dia U shap bar at 100mm c/c								
Length = 144.95 Mtr = 144.95 /0.1 +1 = 14450+1 Nos								
Each u shape bar length = 2.50 mtr	10 mm dia	1160	2.00				2320.00	
8 mm dia Distrubution bar at 125 mm c/c	8mm dia	14	144.95				2029.30	
11th B main road B sector MIG house no 2129 to 2140 LHS								
10mm dia U shap bar at 100mm c/c								
Length = 115.95 Mtr = 115.95 /0.1 +1 = 1160+1 Nos								
Each u shape bar length = 2.50 mtr	10 mm dia	1160	2.25				2610.00	
8 mm dia Distrubution bar at 125 mm c/c	8mm dia	20	115.95				2319.00	

Rampreeth
9/12/2019

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
10	11th B main road B sector MIG house no 2129 to 2140 RHS								
	10mm dia U shap bar at 100mm c/c								
	Length = 115.95 Mtr = 115.95 /0.1 +1 = 1160+1 Nos								
	Each u shape bar length = 2.50 mtr	10 mm dia	1160	2.25			2610.00		
	8 mm dia Distrubution bar at 125 mm c/c	8mm dia	20	115.95			2319.00		
	for culvert								
	Length =5.30 Mtr = 5.25 /0.2+1 = 27+1 Nos								
	Each u shape bar length = 3.60 mtr	12mm dia	28	3.60			100.80		
	Each u shape bar length = 3.60 mtr	12mm dia	27	3.60			97.20		
	8 mm dia Distrubution bar at 125 mm c/c	10mm dia	24	5.25			126.00		
	8 mm dia Distrubution bar at 125 mm c/c	10mm dia	18	5.25			94.50		
	ABSTRACT								
	16mm dia bar	0.00	1.580	0.00					
	12mm dia bar	198.00	0.888	175.82					
	10mm dia bar	10080.50	0.617	6219.67					
	8mm dia bar	8822.60	0.395	3484.93					
				9880.42					
							9880.42		
				Tonne			9.88		
				Limited to SHB			9.85		



ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಜಿ.ಜಿ.ಎಂ.ಕೆ. ಬೆಂಗಳೂರು-106

Ramangarath
9/12/19

**Name of work: Improvements to roads and drains at SC/ST Area in
ward no -04**

MEASUREMENT SHEETS

"FIRST AND FINAL BILL"

1st and Final bill

Name of work: Improvements to roads and drains at SC/ST Area in ward no -04

Work Order No: BBMP / EE/ YNK.D / W.O / 117 /2019-20 dt: 31-10-2019.

OB NUMBER: 004-20-000018

Estimate Cost: 99.00 lakhs.

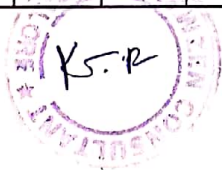
Sl No: EE/ YNK.D/ AS / /2019-20 dt :

Sl No : CE / YNK.Z/ TS / /2019-20 dt :

Name of Contractor : KRIDL.

MEASUREMENTS

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials separately complete as per specifications. MORTH Specification No. 202 (Page No-140 Item no - 18.47 of KPWD SR 2018-19)								
	Premeasument Recorded vide excel sheet page no (1)						353.14		
		Cum					353.14	952.94	336516.00
	KSRRB 300-3. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil involving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. (Page No. 142/ Item No. 19.1/ PWD SR 2018-19)								
	Premeasument Recorded vide excel sheet page no 2 to 3								
		Cum					1183.70	220.40	260888.00



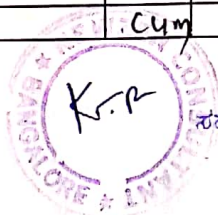
Ramya
ಕರ್ನಾಟಕ ಸಾರ್ವಜನಿಕ ಕಾರ್ಯದರ್ಶಿ
ಯಂತ್ರಣ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಕೆ.ಎಂ.ಸಿ. ಬೆಂಗಳೂರು-10

SI	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
3	RRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222, I No-27.18 PWD SR 2018-19)								
	Premeasument Recorded vide excel sheet page no 6 to 8						428.26	5421.90	2321971.00
4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specifications do- Wall & bottom thickness 15cm (I No-37.59.2, P No-271)								
	for RCC drain bed								
	House no 1001 to 1020 B sector 5 meter wide road LHS		1	30.00	0.75	0.15	3.38		
			1	30.00	0.75	0.15	3.38		
			1	30.00	0.75	0.15	3.38		
			1	30.00	0.75	0.15	3.38		
			1	25.00	0.75	0.15	2.81		
	House no 1001 to 1020 B sector 5 meter wide road RHS			30.00	0.75	0.15			



Ramgopal
19/12/2019

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	30.00	0.75	0.15	3.38		
			1	30.00	0.75	0.15	3.38		
			1	30.00	0.75	0.15	3.38		
			1	25.00	0.75	0.15	2.81		
	11th B main road B sector MIG house no 2129 to 2140 LHS		1	30.00	0.90	0.15	4.05		
			1	30.00	0.90	0.15	4.05		
			1	30.00	0.90	0.15	4.05		
			1	26.00	0.90	0.15	3.51		
	11th B main road B sector MIG house no 2129 to 2140 RHS		1	30.00	0.90	0.15	4.05		
			1	30.00	0.90	0.15	4.05		
			1	30.00	0.90	0.15	4.05		
			1	26.00	0.90	0.15	3.51		
	for culvert at 5 meter wide road		1	5.30	1.50	0.23	1.83		
	Side wall								
	House no 1001 to 1020 B sector 5 meter wide road LHS		2	30.00	0.15	0.60	5.40		
			2	30.00	0.15	0.50	4.50		
			2	30.00	0.15	0.60	5.40		
			2	30.00	0.15	0.50	4.50		
			2	25.00	0.15	0.60	4.50		
							0.00		
	House no 1001 to 1020 B sector 5 meter wide road RHS		2	30.00	0.15	0.50	4.50		
			2	30.00	0.15	0.60	5.40		
			2	30.00	0.15	0.50	4.50		
			2	30.00	0.15	0.50	4.50		
			2	25.00	0.15	0.60	4.50		
	11th B main road B sector MIG house no 2129 to 2140 LHS		2	30.00	0.15	0.50	4.50		
			2	30.00	0.15	0.60	5.40		
			2	30.00	0.15	0.50	4.50		
			2	26.00	0.15	0.50	3.90		
	11th B main road B sector MIG house no 2129 to 2140 RHS		2	30.00	0.15	0.50	4.50		
			2	30.00	0.15	0.50	4.50		
			2	30.00	0.15	0.50	4.50		
			2	26.00	0.15	0.50	3.90		
	for culvert at 5 meter wide road		2	5.30	0.23	0.90	2.19		
	Cum						151.37	7070.20	1070200

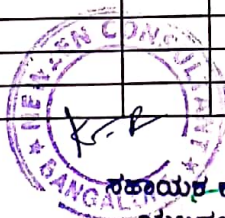


ಸಹಾಯಕ ಮುಖ್ಯಮಂತ್ರಿ, ಅಭಿವೃದ್ಧಿ
ಯೋಜನೆ ಸಚಿವರು, ಬೆಂಗಳೂರು
18/12/2019
ಕೆ.ಆರ್.ಎ. ಬೆಂಗಳೂರು-106

Ramangeerah
19/12/19

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
5	RB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 (I No-28.8.2, P No-229 PWD SR 2018-19)								
	Pre measurement Recorded vide excel sheet page no 819	Tonne					9.850	72326.98	712421.00
6	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading ,lead and lift, transportation etc ,complete. (Data Rate)	sqm							
	House no 1001 to 1020 B sector 5 meter wide road LHS		1	9.90	0.75		7.43		
			1	6.75	0.75		5.06		
			8	0.75	0.60		3.60		
			1	21.80	0.75		16.35		
			1	15.60	0.75		11.70		
			9	0.75	0.60		4.05		
			1	29.00	0.75		21.75		
	RHS		1	30.00	0.75		22.50		
			1	19.50	0.75		14.63		
			10	0.75	0.60		4.50		
			8	0.75	0.60		3.60		
			13	0.75	0.60		5.85		
			1	13.80	0.75		10.35		
			1	20.00	0.75		15.00		
	11th B main road B sector MIG house no 2129 to 2140 RHS		1	8.10	0.90		7.29		
			1	9.35	0.90		8.42		
			9	0.90	0.60		4.86		
			1	10.00	0.90		9.00		

Executive Engineer
B.B.M.P. Division
Yelahanka



ಕಾರ್ಯದ ಕಾರ್ಯದರ್ಶಿ
ಯಲಹಂಕರ ಉಪನಗರ ಉಪವಿಭಾಗ,

Renujcarich
23/12/2021

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	6.20	0.90		5.58		
			1	11.30	0.90		10.17		
			1	6.30	0.90		5.67		
			5	0.90	0.60		2.70		
			1	26.80	0.90		24.12		
	missing covering slab		20	0.90	0.60		10.80		
			12	0.90	0.60		6.48		
			19	0.90	0.60		10.26		
			15	0.90	0.60		8.10		
			11	0.90	0.60		5.94		
			19	0.90	0.60		10.26		
			14	0.90	0.60		7.56		
			19	0.90	0.60		10.26		
			20	0.90	0.60		10.80		
			1	20.00	0.90		18.00		
			1	13.00	0.90		11.70		
			1	10.00	0.90		9.00		
			1	20.00	0.90		18.00		
			18	0.90	0.60		9.72		
			12	0.90	0.60		6.48		
			9	0.90	0.60		4.86		
		Sqm					382.39	2337.00	893640.00
7	KSRRB 300-Compaction KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occurring during rolling including cost of all labour, HOM of machinery complete as per specifications.(P.No. 147, I.No. 19.64 PWD SR 2018-19)								
	Premeasument Recorded vide excel sheet page no 5 to 6								
		Sqm					2287.015	6.36	14545.00

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಕೆ. ಬೆಂಗಳೂರು-106

Ramangarah
23/12/19

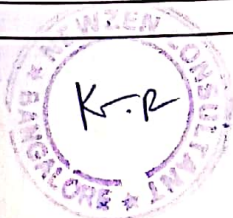
Ramangarah
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಕೆ. ಬೆಂಗಳೂರು-106
23/12/19

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
8	RRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (Page No.155.tern No.20.18,PW,P & ISTD SR 2018-19)								
	Premeasurement Recorded vide excel sheet page no 4 to 5								
							357.404	2001.28	715266.00
9	pavement.Construction of unreinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregates , with superplasticiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rakers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including								
	for CC road								

ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ
ಯಲಹಂಕ ಉಪನಿರ್ದೇಶಕರು.
ಜಿ.ಪಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-105

Ramuganah

SI	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	house no 1045 to 1064 B sector 5 meter wide road		1	15.00	(3.7+3.15)/2	0.15	7.71		
			1	15.00	(3.15+3.65)/2	0.15	7.65		
			1	15.00	(3.65+3.65)/2	0.15	8.21		
			1	15.00	(3.65+3.55)/2	0.15	8.10		
			1	15.00	(3.55+3.65)/2	0.15	8.10		
			1	15.00	(3.65+4.20)/2	0.15	8.83		
			1	15.00	(4.2+4.2)/2	0.15	9.45		
			1	15.00	(4.0+4.5)/2	0.15	9.56		
			1	15.00	(4.5+4.75)/2	0.15	10.41		
			1	13.20	(4.75+4.25)/2	0.15	8.91		
	house no 1001 to 1020 B sector 5 meter wide road		1	15.00	(3.95+3.60)/2	0.15	8.49		
			1	15.00	(3.6+3.7)/2	0.15	8.21		
			1	15.00	(3.7+3.7)/2	0.15	8.33		
			1	15.00	(3.7+3.5)/2	0.15	8.10		
			1	15.00	(3.5+3.5)/2	0.15	7.88		
			1	15.00	(3.5+3.3)/2	0.15	7.65		
			1	15.00	(3.3+3.5)/2	0.15	7.65		
			1	15.00	(3.5+3.6)/2	0.15	7.99		
			1	15.00	(3.6+3.7)/2	0.15	8.21		
			1	8.80	(3.7+3.5)/2	0.15	4.75		
	8th B main road LIG house no 2142 Raghvendra nilaya		1	7.00	(5.35+5.85)/2	0.15	5.88		
			1	15.00	(4.15+4.8)/2	0.15	10.07		
			1	15.00	(4.8+4.5)/2	0.15	10.46		
			1	15.00	(4.5+4.8)/2	0.15	10.46		
			1	15.00	(4.8+4.8)/2	0.15	10.80		
			1	15.00	(4.8+4.9)/2	0.15	10.91		
			1	15.00	(4.9+5.0)/2	0.15	11.14		
			1	14.30	(5.0+4.9)/2	0.15	10.62		
	11th B main road MIG house no 2129 to 2140		1	15.00	(5.25+4.9)/2	0.15	11.42		
			1	15.00	(4.9+5.0)/2	0.15	11.14		
			1	15.00	(5.0+5.2)/2	0.15	11.48		
			1	15.00	(5.20+5.20)/2	0.15	11.70		
			1	15.00	(5.2+5.1)/2	0.15	11.59		
			1	15.00	(5.1+5.1)/2	0.15	11.48		
			1	15.00	(5.1+5.4)/2	0.15	11.81		
			1	10.40	(5.4+5.5)/2	0.15	8.50		
	house no 1895 EWS		1	13.40	(4.0+3.5)/2	0.15	7.54		
			1	4.90	(2.9+3.1)/2	0.15	2.21		
	house no 1946 to 1955 EWS		1	15.00	(3.1+3.2)/2	0.15	7.09		
			1	15.00	(3.2+3.0)/2	0.15	6.98		
			1	15.00	(3.0+2.9)/2	0.15	6.64		
			1	12.00	(2.9+3.0)/2	0.15	5.31		
			1	9.00	(2.9+3.0)/2	0.15	3.98		
		cum					373.37	5210.96	1945625.00



ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

SI	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
10	Vaccum de-watering with vacuum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift. (Page No. 177. tem No.22.7,PW,P & IWTD SR 2018-19)								
	for CC road								
	house no 1045 to 1064 B sector 5 meter wide road		1	15.00	(3.7+3.15)/2		51.38		
			1	15.00	(3.15+3.65)/2		51.00		
			1	15.00	(3.65+3.65)/2		54.75		
			1	15.00	(3.65+3.55)/2		54.00		
			1	15.00	(3.55+3.65)/2		54.00		
			1	15.00	(3.65+4.20)/2		58.88		
			1	15.00	(4.2+4.2)/2		63.00		
			1	15.00	(4.0+4.5)/2		63.75		
			1	15.00	(4.5+4.75)/2		69.38		
			1	13.20	(4.75+4.25)/2		59.40		
							0.00		
	house no 1001 to 1020 B sector 5 meter wide road		1	15.00	(3.95+3.60)/2		56.63		
			1	15.00	(3.6+3.7)/2		54.75		
			1	15.00	(3.7+3.7)/2		55.50		
			1	15.00	(3.7+3.5)/2		54.00		
			1	15.00	(3.5+3.5)/2		52.50		
			1	15.00	(3.5+3.3)/2		51.00		
			1	15.00	(3.3+3.5)/2		51.00		
			1	15.00	(3.5+3.6)/2		53.25		
			1	15.00	(3.6+3.7)/2		54.75		
			1	8.80	(3.7+3.5)/2		31.68		
	8th B main road LIG house no 2142 Raghvendra nilaya		1	7.00	(5.35+5.85)/2		39.20		
			1	15.00	(4.15+4.8)/2		67.13		
			1	15.00	(4.8+4.5)/2		69.75		
			1	15.00	(4.5+4.8)/2		69.75		
			1	15.00	(4.8+4.8)/2		72.00		
			1	15.00	(4.8+4.9)/2		72.75		
			1	15.00	(4.9+5.0)/2		74.25		
			1	14.30	(5.0+4.9)/2		70.79		
	11th B main road MIG house no 2129 to 2140		1	15.00	(5.25+4.9)/2		76.13		
			1	15.00	(4.9+5.0)/2		74.25		
			1	15.00	(5.0+5.2)/2		76.50		
			1	15.00	(5.20+5.20)/2		78.00		
			1	15.00	(5.2+5.1)/2		77.25		
			1	15.00	(5.1+5.1)/2		76.50		
			1	15.00	(5.1+5.4)/2		78.75		
			1	10.40	(5.4+5.5)/2		56.68		
	house no 1895 EWS								



Ramgopal
23/07/2020

